ontents	Reference to last Measurement
7	8

Recorded on:- BR-659/29-9-16

Work Code:- 006-16-000008

Letter of Acceptance Date:- 26/08/2016

M. A. R. 57 (Rule 116)

Measurement Book

No. B

Work order No:- BBMP/EE/BTP/W.O/265/2015-2016, Date:- 01/03/2016

Serial No. .....

Name of Work Providing Fixing new panel board and other accessory to existing borewell for ward no 06. Byatarayanapura Subdivision.

From ..... To .....

Name of Contractor or nature of Agency ... Ramotsav Nagar, Gubbalpalya, Hennur Bagalur main road, Bangalore East-77

Date of commencement of work .....

Cost:- 15.00 Lakhs

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	① Supply and delivery at site brand new texmo/jeevan/Lubi/Sabari/Atlantas/ Calamol/ make suitable for vertical installation in 150 mm dia borewell Comprising of single stage or multistage CI pump close Coupled by means of stainless steel Coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (wet type) squirrel cage sub mersible induction motor suitable for operation of 3ph, 50 Hz, 380/ 440 volts Ac supply. fitted with required accessories cleat per specification & directions of the engineer in charge of the work.						
		1	-	-	-	1.00	
	M.	1	-	-	-	1.00	
		1	-	-	-	1.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	-	-	-	1.00	
		1	-	-	-	1.00	
						5.00 Nos	
						@Rs 63400.00	3,17,000.00
	② For Additional motor 15HP 30 Stage etc as per Specifications and directions of the engineer in charge of the work.						
		3	-	-	-	3.00	
		1	-	-	-	1.00	
		1	-	-	-	1.00	
						5.00 Nos	3,77,082.00
						@Rs.75541.00	
	③ Supplying & delivery at site board new/ Exkon/ Lotus Swonics/Adoosh GK Controls best indigenous make Combine energy meter - Cum - Controls Panel board unit of size 1200 x 600 x 300 mm minimum						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	mechanically strong two detachable doors Ac supply with Spring Provided inside the shall be provided the board unit suitable be consisted etc as per in charge of the

OOK

Depth 6	Contents 7	Reference to last Measurement 8
-	1.00	
-	1.00	
	5.00 Nos	3,17,000.00
@RS 63400.00		
dc as per Specifications and the work.		
-	3.00	
-	1.00	
-	1.00	
	5.00 Nos	3,77,082.00
@RS. 75541.00		
w/ Exhaust/ Lotus Suvidhes/Adoosh Combine energy meter-cum ox 600x300 approx minimum		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

264603

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	mechanically strong and corrosion and water proof the unit shall have two detachable doors suitable for operation on 3ph. 50Hz, 380/440 volts Ac supply with spring loaded latch locking with a key ribs should be provided inside the door. Canopy apron and louvers ventilators shall be provided the Combine energy meter cum control panel board unit suitable for operation on 3ph, 50Hz, 380/440 AC supply shall be consisted etc as per specifications & directions of the engineer in charge of the work.						
		1	-	-	-	1.00	
		2	-	-	-	2.00	
		1	-	-	-	1.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	-	-	-	1.00	
		4	-	-	-	4.00	
		1	-	-	-	1.00	
		2	-	-	-	2.00	
						12.00 Nos	
					@Rs	14800.00	177600.00

AE

④ Supplying and drawing 3 Core flat PVC Sheathed Submersible pump Cable manufactured with electrolytic grade Copper with flexible Copper Conductor Confirming to table 3 class 5 of IS: 8130 - 1984 and virgin grade PVC insulation and Sheathed Suitable for working voltage up to 1100 volts etc as per Specifications.

Serial No. .....
Name of Work .....
Name of Contractor of nature of Ag
Date of commencement of work .....

Date	Full description, etc, of wo
1	2

tents 7	Reference to last Measurement 8
00	
00	
00	
00	
00 with	177600.00
00.00	
eathed Submersible	
made Copper with	
e 3 class 5 of IS:	
and Sheathed Suita	
per Specification.	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

264604

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	-	1 x 2 x 4	30.00	-	-	240.00	
		1 x 2 x 1	5.00	-	-	10.00	
	-	1 x 2 x 2	30.00	-	-	120.00	
		1 x 2 x 1	12.00	-	-	24.00	
	Cost	1 x 2 x 5	30.00	-	-	300.00	
	only	1 x 2 x 1	10.00	-	-	20.00	
	.. -	1 x 2 x 1	30.00	-	-	60.00	
		1 x 2 x 1	28.00	-	-	56.00	
	-	1 x 2 x 2	30.00	-	-	120.00	
		1 x 2 x 1	18.00	-	-	36.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1×2×2	30.00	–	–	120.00	
		1×2×1	7.00	–	–	14.00	
		1×2×4	30.00	–	–	240.00	
		1×2×1	10.00	–	–	20.00	
		1×2×1	30.00	–	–	60.00	
		1×2×1	30.00	–	–	60.00	
						1224.00 Rmtn 262080	
					1440	1500=00 2,22,768.00	
						@RS 182.00	

⑤ Earth work excavation for foundation of buildings, water Supply Sanitary lines and electrical Conduits either in pits or in trenches 1.5m and above in width in hard Soil not exceeding 1.5m in depth including dressing the bottom and Sides of pits and trenches, Stacking the excavated Soil clear

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	from edges of excav of clod Complete as in charge of the
	Quantity vide, pre vide
	⑥ Providing and installing including Cost of pipes to trenches, laying true leak proof including joi

	Contents 7	Reference to last Measurement 8
	120=00 14.00	
	240.00	
	20.00	
	60-00 60-00	@
	1224.00 Rontn	262080
40	1500=00	222768.00
RS	182.00	
	of buildings, water supply	
	either in pith or in	
	hard soil not exceed	
	the bottom and sides	
	excavated soil clear	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

264605

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	from edges of excavation with lead upto 50 mm after breaking of clods Complete as per specifications & directions of the engineer in charge of the work.						
	Quantity vide, pre encloserment are recorded in this MB & vide page no of:- 264671 :- 225.00 m³ @ RS. 220.00					49500=00	47292.00
(6)	Providing and installing at site of work 63 mm (0.062) PVC pipes of 6 kg/cm² including cost of pipes and specials and labour, including lowering in to trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour & lift						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	charges. handling charges including carrying the pipe around to a depth not less than 15 cms with gravel or selected earth available from the excavation etc as per specification & direction of the engineer in charge of the work.						
	Quantity vide pre measurement are recorded in this col & vide page no of:- 264672.-					500.00 cmtrs @ RS. 350.00	175000.00
	(7) Refilling available earth around pipe lines, cables in layers not exceeding 20 cms in depth. Compacting each deposited layer by ramming after watering with lead upto 50 mm and lift upto 1.5 mm including cost of all labour Complete as per specifications.						
	Quantity vide item no: (5):					78.60 cm @ RS. 55.00	14323.00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	(8) Supplying and laying PVC insulated sheathed with PVC outer sheathing to IS 1554) (P.No.593. fications & directions of Laying of LT UG Cable:-	

OOK

Depth 6	Contents 7	Reference to last Measurement 8
ding the pipe around to a		
or selected earth available		
ction & direction of the engineer		
re Corded		
72.- 500.00 cmtrs	1,75,000.00	
@ RS. 350.00		
lines, Cables in layers not		
each deposited layer by ramm		
to 50 mm and lift up to 1.5 mm		
as per Specifications.		
225=00		
ND: (5) 78.60 m	14323.00	
@ RS. 55.00		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

264606

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(8) Supplying and laying of LT UG Cable having aluminium Conductor PVC insulated sheathed galvanized steel wired steel tape armoured cable with PVC outer sheathing 1.1KV class 4 Core 16 Sqmm Cable (Confirming to IS 1554) (P.ND:553. I ND-10(d), BWSSB SR 2013-14) cfc as per Specifications & directions of the engineer in charge of the work.						
	Laying of LT UG Cable:-	1	25.00	-	-	25.00	
		1	26.00	-	-	26.00	
		1	28.00	-	-	28.00	
		1	27.00	-	-	27.00	
		1	25.00	-	-	25.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	22.00	-	-	22.00	
		1	25.00	-	-	25.00	
		1	20.00	-	-	20.00	
		1	28.00	-	-	28.00	
		1	24.00	-	-	24.00	
						250.00 entries	37.50
						~~375.00~~	
						@ Rs. 150.00	
	(9) Providing and fixing of 50mm GI bend to motor (PWD SR 2015-16) P.No XXXVIII GI fittings Table etc as per specifications & directions of the engineer in charge of the work.						
		2	-	-	-	2.00	

Cost
AE

Cost
AE

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2

OOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
	-	22.00	
	-	25.00	
	-	30.00	
	-	28.00	
	-	24.00	
		250.00 entry	3750
		~~3,650.00~~	
		@ Rs. 150.00	
		d to motor (PWD SR 2015-16) P.No	
		pecifications & directions of the	
-	-	2.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

264607

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		5	-	-	-	5.00	
		3	-	-	-	3.00	
		2	-	-	-	2.00	
	C&K	4	-	-	-	4.00	
	on	4	-	-	-	4.00	
		2	-	-	-	2.00	
		3	-	-	-	3.00	
						25.00 Nos	
					@ Rs.	220.00	5500.00

AE

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(10) Providing and fixing of 50mm GI Nipple to motor (PWD SR-15-16 P.No XXXVIII GI fittings table etc as per specifications & directions of the engineer in charge of the work.						
		2	-	-	-	2.00	
		5	-	-	-	5.00	
		3	-	-	-	3.00	
		2	-	-	-	2.00	
	Cite	4	-	-	-	4.00	
	on	4	-	-	-	4.00	
		2	-	-	-	2.00	
		3	-	-	-	3.00	
						25.00 Nos	
						@RS. 110.00	2750.00

M.

Serial No. .....

Name of Work ..... Fr

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3
	(11) Providing and fixing o 2015-2016. P.No XXXVIII GI & directions of the engi	
		2
		5
		3
	Cite	2
	on	9
		4
		2

BOOK

...s		Contents	Reference to last Measurement
...adth 5	Depth 6	7	8
...nipple to motor per specifications & directions of the ...ork.		(PWD SR-15-16	
-	-	2.00	
-	-	5.00	
-	-	3.00	
-	-	2.00	
-	-	4.00	
-	-	4.00	
-	-	2.00	
-	-	3.00	
		25.00 Nos	27.50.00
		CRS. 110.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

264608

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
(11)	Providing and fixing of 50mm GI union to the motor (PWD SR 2015-2016. P.NO XXXVIII GI fittings Table etc as per specifications & directions of the engineer in charge of the work.						
		2	-	-	-	2.00	
		5	-	-	-	5.00	
		3	-	-	-	3.00	
		2	-	-	-	2.00	
Cite		9	-	-	-	9.00	
on		4	-	-	-	4.00	
		2	-	-	-	2.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		M/ 3	-	-	-	3.00	
						30.00 Nos	6900.00
						@Rs 230.00	
	(12) KSRB 13.6.3-6: Providing and fixing in position brass gatevalve with C.I wheel of approved quality (Screwed end) 80mm nominal bore including cost of all materials, labour and Hire of equipments with all leads. Complete as per Specifications & directions of the engineer in charge of the work.						
		3	-	-	-	3.00	
		1	-	-	-	1.00	
		M/ 1	-	-	-	1.00	
		2	-	-	-	2.00	

AE

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	
1	2	

M/

AE 22.6.2016

M. A. R. 57 (Rule 116)
Measurement Book

No. B 264609

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		3	-	-	-	3.00	
		4	-	-	-	4.00	
		2	-	-	-	2.00	
		3	-	-	-	3.00	
		2	-	-	-	2.00	
						21.00 Nos	44726
					@Rs.	2129.80	~~44,466.20~~
			Total bill Amount Rs.				~~14,78,801.20~~
							1479556 ~~1479556.20~~

Cafe Mounty

AE 22.6.2016

OK

Depth 6	Contents 7	Reference to last Measurement 8
-	3.00	
	20.00 Nos	6900.00
@Rs 330.00		
position brass gatevalve		
wed and) common nominal		
labour and Hire of		
as per Specifications &		
of the work.		
-	3.00	
-	1.00	
-	1.00	
-	2.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	CERTIFICATE:- (1) Certified that the ~~Part of~~ work done Satisfactorly, Coopleted. (2) Certified that the, there is no issue of departmental materials to Contractor. AE. 22.6.2016						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	ಬಿಲ್ಲು ಮೊತ್ತ ರೂ. 14.7 ಗಳ ಬಾಬು ಕನಾಟಕ ಗಡಿಪಡೆ ರೂ ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ಉಳಿದ ರೂ. 13.89970- ಚೆಕ್ ಮುಖಾಂತರ ಸಂದಾಯವಾಗಿದೆ ಸಹಿ ದೆಸ್ಕಾಂ ಸಹಾಯಕ ಇಂಜಿನಿಯರ್

BOOK

dth	Depth 6	Contents 7	Reference to last Measurement 8

e Satisfactorly Completed.
e of departmental materials
Munshi
Asst

M. A. R. 57 (Rule 116)
Measurement Book

No. B 264610

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 1479556-00 ಈ ಬಿಲ್ಲು ನಗಾವಣೆ: ಇದರಲ್ಲಿ ರೂ. 89586-00 ಹೊರಾಗಣೆ ಮಾಡಿಕೊಂಡು ಬಂದ ಮೊಬಲಗು ರೂ. 13.89.970-00 ಮೇರ ಮಾಪಾಯದ ಸಹಿಯಾಗಿದೆ ಕಿರಿಯ ಇಂಜಿನಿಯರ್ ಬೆಳಗಾವಿ ವಿಭಾಗ ಬೆಳಗಾವಿ.					Total A 14.79,556-00 IT - 14686-00 VAT - 58745-00 Cess - 14686-00 CBF - 1469-00 29/11/16 Adj 89586-00 Charges 13.89,970-00	